



**BEFORE THE PUBLIC UTILITIES COMMISSION
OF THE STATE OF CALIFORNIA**

FILED

11-13-07
04:59 PM

Order Instituting Rulemaking Regarding Policies,
Procedures and Rules for the California Solar
Initiative, the Self-Generation Incentive Program
and Other Distributed Generation Issues.

Rulemaking 06-03-004
(Filed March 2, 2006)

**REPLY COMMENTS OF THE SOLAR ALLIANCE AND THE
CALIFORNIA SOLAR ENERGY INDUSTRIES ASSOCIATION ON
THE PROPOSED DECISION ESTABLISHING SINGLE-FAMILY
LOW-INCOME INCENTIVE PROGRAM WITHIN THE
CALIFORNIA SOLAR INITIATIVE**

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Date: November 13, 2007

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Pursuant to Rule 14.3 of the Commission's Rules of Practice and Procedure, the Solar Alliance and the California Solar Energy Industries Association (CAL SEIA) (collectively, the Joint Solar Parties) respectfully submit these reply comments on the proposed decision of President Peevey entitled *Opinion Establishing Single-Family Low-Income Incentive Program Within The California Solar Initiative*, dated October 17, 2007 (Proposed Decision).

Opening comments were received from Pacific Gas and Electric Company (PG&E), Southern California Edison (SCE), Grid Alternatives, Greenlining Institute, California Center for Sustainable Energy (CCSE), Disability Rights Advocates, and A World Institute for Sustainable Humanity (A WISH). In these reply comments, the Joint Solar Parties makes the following recommendations we believe will make program more successful:

- The “Sweat Equity” concept should not be required. Instead, the Commission should encourage other innovative methods of ensuring homeowners are invested in their solar system.
- Contrary to SCE’s claim, ownership of Renewable Energy Credits (RECs) should remain with the low-income customer.
- The Joint Solar Parties support A W.I.S.H.’s recommendation that the Proposed Decision’s language be modified to ensure Time-Of-Use (TOU) impacts are beneficial or neutral to the low-income customer.

I. **DISCUSSION**

A. **A "Sweat Equity" Requirement Could Result in Solar Installers Dropping-Out of Participation in the Low-Income Portion of the CSI Program and Should Not Be Mandated.**

A number of parties expressed support for the well-meaning concept of encouraging homeowner participation in the program in the form of “sweat equity”. The Joint Solar Parties agree that it is important to ensure homeowners are integrally involved in the process to ensure their interest. However, as we expressed in opening comments, there are also potential liability issues that raise serious concerns about the concept in practice. Using untrained volunteers will increase insurance premiums for installers participating in the program, and therefore, could dissuade installers from participating in the low-income portion of the CSI program. For these reasons, the Joint Solar Parties encourage the Commission to revise the Proposed Decision and ensure that “sweat equity,” even if voluntary, is not a requirement of the Program.

In opening comments, PG&E provided an alternate approach and “supports the Commission’s proposed standardized education component for incentive recipients.” (PG&E page 5). This education component could include education on system maintenance and the benefits of ensuring the system is working properly and providing maximum benefits. The Joint Solar Parties support this education component and encourage other innovative outreach and education strategies to engage low-income system owners.

B. REC ownership Should Remain with the Low-income Customer

In its comments, “SCE recommends that the Commission modify the Proposed Decision to correct the misapplication of D.07-01-018 and revise the Proposed Decision to provide that, where the ratepayers are fully subsidizing the solar energy system, ratepayers will receive all of the renewable attributes associated with the output of the systems that they have purchased” (SCE page 9). The Joint Solar Parties support the Commission’s determination that ownership of RECs in the low-income portion of the CSI program should remain with the DG system owner consistent with D.07-01-018 and do not believe any changes are needed to the Proposed Decision. The Joint Solar Parties would like to respectfully point out that the REC contribution from the fully-subsidized solar systems in the low-income program to a utility Renewable Portfolio Standard would be fairly diminutive assuming such transfers are authorized at a future date. However, the benefits to the low-income customer would be substantial. It is our experience that many people, regardless of income, are motivated to install solar energy systems due to the renewable attributes of solar. If the renewable attributes are taken away via transfer of any RECs produced by the system

as a requirement of participation in the CSI, one of the drivers for low-income households to participate in the program may be removed. Additionally, low-income homeowners will have the cost of ongoing system maintenance. Net Energy Metering benefits and the possible income from the sale of RECs produced by the solar energy system can provide motivation to homeowners to ensure that their system is working properly and providing maximum output. Accordingly, the Commission should reject SCE's request and retain REC ownership with the low-income homeowner consistent with its determination in D.07-01-018 that RECs produced by DG systems remain with the DG system owner.

C. TOU Impacts Should Be Beneficial or Neutral To Low-Income Homeowners

In opening comments, "A W.I.S.H. suggest that the PD's language be modified from "it should ensure TOU impacts on low-income solar customers are considered" to " it should ensure TOU impacts ...are beneficial or neutral"" (A W.I.S.H. page 8). While the Joint Solar Parties have been, and will continue to be, involved in General Rate Cases to participate in the development of rates for solar customers, we support the suggestion that the Commission change the language in the Proposed Decision to ensure that low-income homeowners who participate in this program are not negatively impacted by a TOU requirement.

II. CONCLUSION

The Joint Solar Parties appreciate the opportunity to submit these reply comments on the Proposed Decision. Low-income communities are especially vulnerable to any volatility in electricity costs. Consequently, low-income communities

can greatly benefit by installing a solar system to not only decrease their power bills, but to also ensure a stable power bill in the future. The inclusion of low-income communities in the CSI is an important aspect of the CSI Program with great social value, and, with the minor modifications discussed herein and in our comments, we strongly support the Proposed Decision.

Respectfully submitted this November 13, 2007 at San Francisco, California.

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CERTIFICATE OF SERVICE

I, Lisa Vieland, certify that I have on this 13th day of November 2007 caused a copy of the foregoing

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to be served on all known parties to R.06-03-004 via e-mail to those listed with e-mail on the attached service list, and via U.S. mail to those without e-mail service.

I also caused courtesy copies to be hand-delivered as follows:

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I declare on penalty of perjury under California law that the foregoing is true. Executed this 13th day of November 2007 at San Francisco, California.

/s/ Lisa Vieland

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PUC/X94276.v1